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Patent
Atty. Dkt. 0316.001

DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

HELICOBACTER PYLORI PROTEINS USEFUL FOR VACCINES AND DIAGNOSTICS

the specification of which (check one) is attached hereto x was filed on March 2, 1993 as PCT/EP93/00472 and was amended on (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56(a).

=====

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s) Number	Country	Day/Month/Year Filed	Priority Claimed	
			Yes	No
FI92 A 000052	IT	02 03 92	x	
PCT/EP93/00158	EP	25 01 93	x	

=====

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application Serial No.	Filing Date	Status
		Patented, Pending, Abandoned
EP 93/00472	03/02/93	Pending

=====

I hereby declare that all statements herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements and the like so made are punishable by fine or imprisonment or both, under Section 1001 of Title 18 of the United States code and that such

willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor: ANTONELLO COVACCI

Inventor's signature:  Date: 6.10.94

Residence: Vc. Provenzano, 8
53100, Siena
ITALY

Citizenship: ITALY

Post Office Address: Same as above

Full name of second inventor: MASSIMO BUGNOLI

Inventor's signature:  Date: 6.10.94

Residence: V. del Pozzo, 38
53035, Monteriggioni
ITALY

Citizenship: ITALY

Post Office Address: Same as above

Full name third inventor: JOHN TELFORD

Inventor's signature:  Date: 6 Oct 1994

Residence: Via Sambuco, 43
53010, Monteriggioni
ITALY

Citizenship: ITALY

Post Office Address: Same as above

Full name of fourth inventor: GIOVANNI MACCHIA

Inventor's signature: Giovanni Macchia Date: 9 October

1934

Residence: Via Monte Velino 57
67051 Avezzano (AQ)
ITALY

Citizenship: ITALY

Post Office Address: Same as above

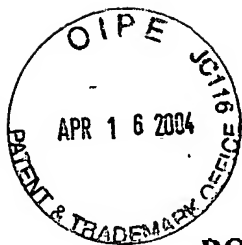
Full name of fifth inventor: RINO RAPPUOLI

Inventor's signature: [Signature] Date: 7/10/94

Residence: Via Calamandrei, 39
53010 Quercegrossa (SI)
ITALY

Citizenship: ITALY

Post Office Address: Same as above



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MAR 18 2004

Woodcock Washburn
2004 MAR 18 AM 9 28

PATENT

DOCKET NO. CHIR-0337

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Antonio Covacci, Massimo Bugnoli, John Telford,
Giovanni Macchia, Rino Rappuoli

For: *HELICOBACTER PYLORI* CAI ANTIGEN

SUPPLEMENTAL DECLARATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name; and

I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a

: Utility Patent G Design Patent

is sought on the invention, whose title appears above, the specification of which:

G is attached hereto.

: was filed on July 8, 2003 as Serial No. 10/615,688.

G said application having been amended on _____.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to be material to the patentability of this application in accordance with 37 CFR 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a-d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of any application on which priority is claimed:

DOCKET NO. CHIR-0337

-2-

PATENT

Priority Claimed (If X=d)	Country	Serial Number	Date Filed
:	<u>ITALY</u>	<u>F192 A 000052</u>	<u>March 2, 1992</u>
:	<u>EP</u>	<u>PCT/EP93/00158</u>	<u>January 25, 1993</u>
:	<u>EP</u>	<u>PCT/EP93/00472</u>	<u>March 2, 1993</u>

I hereby claim the benefit under 35 U.S.C. ' 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 U.S.C. ' 112, I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to be material to patentability as defined in 37 CFR ' 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Serial Number	Date Filed	Patented/Pending/Abandoned
<u> </u>	<u> </u>	
<u> </u>	<u> </u>	

I hereby claim the benefit under 35 U.S.C. ' 119(e) of any United States provisional application(s) listed below:

Serial Number	Date Filed
<u> </u>	

Please direct all telephone calls to:

Felicity E. Groth, Esquire
WOODCOCK WASHBURN LLP
 One Liberty Place - 46th Floor
 Philadelphia PA 19103
 Telephone No.: (215) 568-3100
 Facsimile No.: (215) 568-3439

Please address all correspondence to:


DOCKET NO. CHIR-0337

-3-

PATENT

Alisa A. Harbin
CHIRON CORPORATION
Intellectual Property -R440
P.O. Box 8097
Emeryville, CA 94662-8097
Telephone No.: (510) 923 2708

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name: Antonio Covacci	 Signature
Mailing Address: Via Dei Pittori, 41 int. 4 53100 Siena Italy	
City/State of Actual Residence: Siena, Italy	
	Date of Signature:
	Citizenship: <u>ITALY</u>



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Application of

Antonio Covacci, et al

Serial No.: 10/615,688

Group Art Unit: 1632

Filed: July 8, 2003

Examiner: Not Yet Assigned

For: HELICOBACTER PYLORI CAI ANTIGEN

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

POWER OF ATTORNEY AND STATEMENT UNDER 37 C.F.R. §1.36(b)

Sir:

The undersigned, joint assignee of the entire interest in the above-identified application, hereby appoints the attorneys assigned to Customer Number 23377 (which is the Customer Number assigned to WOODCOCK WASHBURN LLP, One Liberty Place – 46th Floor, Philadelphia, Pennsylvania, 19103), as attorneys for applicant(s), with full power to prosecute this application, to make alterations and amendments therein, to receive the patent, and to transact all business in the Patent and Trademark Office connected therewith.

Lisa E. Alexander – Reg. No. 41,576
Robert P. Blackburn – Reg. No. 30,447
Steven W. Collier – Reg. No. 42,429
Rebecca M. Hale – Reg. No. 45,680

Alisa A. Harbin – Reg. No. 33,895
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Please direct all correspondence and telephone calls regarding this application to the following:

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CHIRON CORPORATION

Dated:

April 15, 2004

By:

Rebecca M. Hale

Rebecca M. Hale
Assistant Secretary